

A₁₁ second digital image and then representing this range key value at corresponding pixels in the third digital image with mutually distinguishable colour attributes on a pixel-by-pixel basis.

22. (Amended) A product as claimed in claim 17, wherein the second and third digital images are displayed together on a visual display unit.


A₁₂ 23. (Amended) A product as claimed in claim 17, wherein the second and third digital images are displayed together on a colour printout.

24. (Amended) A product as claimed in claim 17, wherein the article is a tooth, the database is a database of ceramics colours or the like used for manufacturing dental prostheses, and the third digital image is a template for manufacturing a dental prosthesis.

REMARKS

Applicant respectfully requests consideration of the foregoing amendments. The amendments made herein eliminate the multiple dependency of each claim, to add headings preferred in U.S. practice, and to claim priority from pending domestic and foreign applications. Please enter this amendment prior to calculating the fee in this case.

Respectfully submitted,


James R. Cannon
Registration No. 35,839

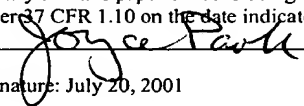
Myers Bigel Sibley & Sajovec
PO Box 37428
Raleigh NC 27627
Telephone (919) 854-1400
Facsimile (919) 854-1401

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3. (Amended) A method according to claim 1 **[or 2]**, wherein the predetermined algorithm in step (v) is an octree quantisation algorithm.

4. (Amended) A method according to **[any preceding claim] claim 1**, wherein the third digital image in step (vi) is generated by determining a range key value for each pixel in the second digital image and then representing this range key value at corresponding pixels in the third digital image with mutually distinguishable colour attributes on a pixel-by-pixel basis.

6. (Amended) A method according to **[any preceding claim] claim 1**, wherein the second and third digital images are displayed together on a visual display unit.

7. (Amended) A method according to **[any preceding claim] claim 1**, wherein the second and third digital images are displayed together on a colour printout.

8. (Amended) A method according to **[any preceding claim] claim 1**, wherein the article is a tooth, the database is a database of ceramics colours or the like used for manufacturing dental prostheses, and the third digital image is a template for manufacturing a dental prosthesis.

11. (Amended) A system as claimed in claim 9 **[or 10]**, wherein the predetermined algorithm in step (v) is an octree quantisation algorithm.

12. (Amended) A system as claimed in **[any one of claims 9 to 11] claim 9**, wherein the third digital image in step (vi) is generated by determining a range key value for each pixel in the second digital image and then representing this range key value at corresponding pixels in the third digital image with mutually distinguishable colour attributes on a pixel-by-pixel basis.

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14. (Amended) A system as claimed in **[any one of claims 9 to 13] claim 9**, wherein the second and third digital images are displayed together on a visual display unit.

15. (Amended) A system as claimed in **[any one of claims 9 to 14] claim 9**, wherein the second and third digital images are displayed together on a colour printout.

16. (Amended) A system as claimed in **[any one of claims 9 to 15] claim 9**, wherein the article is a tooth, the database is a database of ceramics colours or the like used for manufacturing dental prostheses, and the third digital image is a template for manufacturing a dental prosthesis.

19. (Amended) A product as claimed in claim 17 **[or 18]**, wherein the predetermined algorithm in step (v) is an octree quantisation algorithm.

20. (Amended) A product as claimed in **[any one of claims 17 or 19] claim 17**, wherein the third digital image in step (vi) is generated by determining a range key value for each pixel in the second digital image and then representing this range key value at corresponding pixels in the third digital image with mutually distinguishable colour attributes on a pixel-by-pixel basis.

22. (Amended) A product as claimed in **[any one of claims 17 to 21] claim 17**, wherein the second and third digital images are displayed together on a visual display unit.

23. (Amended) A product as claimed in **[any one of claims 17 to 22] claim 17**, wherein the second and third digital images are displayed together on a colour printout.

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